

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TITLE: DERMO-COSMETIC COMPOSITION FOR PETS

Amendment A: CLAIM AMENDMENTS

1. (canceled)
2. (canceled)
3. (canceled)
4. (canceled)
5. (canceled)
6. (canceled)
7. (canceled)
8. (canceled)
9. (canceled)
10. (canceled)
11. (canceled)
12. (canceled)
13. (canceled)
14. (canceled)
15. (new) A method of treating a coat of an animal, the method comprising:

applying a composition to at least one specific location on the coat of the animal, said composition having a carrier being a solvent and at least one complex of essential oils, said composition having active ingredients;

diffusing said composition by an action of said carrier;

storing the active ingredients of said composition by sebaceous glands of the animal;

and

gradually releasing the active ingredients from the sebaceous glands.

16. (new) The method of Claim 15, wherein said solvent is ethoxydiglycol.

17. (new) The method of Claim 15, wherein said carrier is an organic solvent selected from the group consisting of acetone, acetonitrile, benzyl alcohol, butyldiglycol, dimethyl acetamide, dimethyl formamide, dipropylene glycol monobutyl ether, ethanol, isopropanol, methanol, ethylene glycol monoethyl ether, monoethyl acetamide, dipropylene glycol monomethyl ether, liquid polyoxyethylene-glycol, propylene glycol, 2-pyrrolidone including N-methyl pyrrolidone, diethyleneglycol monoethyl ether, ethylene glycol, diethyl phthalate, and mixtures thereof.

18. (new) The method of Claim 15, said composition comprising:

polyunsaturated essential fatty acids.

19. (new) The method of Claim 18, wherein the fatty acids are hemp oils in a proportion of 1 to 15% by weight of the total composition.

20. (new) The method of Claim 18, wherein the fatty acids are selected from a group consisting of fish oil, borage oil, coconut oil, kukui oil, sesame oil, reconstituted synthetic polyunsaturated fatty acids, eicosapentaenoic acid, docosahexaenoic acid, shea butter, olive oil, canola oil, walnut oil, soybean oil, and anchusa oil in a proportion of 3 to 50% by weight of the total

composition.

21. (new) The method of Claim 18, said composition further comprising:

a soothing agent, the fatty acids being omega 3 and omega 6.

22. (new) The method of Claim 18, said composition further comprising:

an anti-inflammatory agent, the fatty acids being omega 3 and omega 6.

23. (new) The method of Claim 18, said composition further comprising:

an anti-pruriginous agent, the fatty acids being omega 3 and omega 6.

24. (new) The method of Claim 22, wherein the anti-inflammatory agent is selected from a group consisting of bisabolol, azulene, allantoin, glycyrrhetic 18 beta acid and its salts, aloe extracts, calendula extracts, and carrot extracts in a proportion of 0.01 to 10% by weight of the total composition.

25. (new) The method of Claim 15, further comprising:

a thickening or stabilizing crystallization-inhibiting film-forming agent selected from a group consisting of polyvinyl pyrrolidone, hydroxymethyl cellulose, polyvinyl alcohols, vinyl acetate and vinyl pyrrolidone copolymers, polyethylene glycols, benzyl alcohol, mannitol, glycerol, sorbitol, polyoxyethylene sorbitan esters, lecithin, sodium carboxymethyl cellulose, and methacrylates.

26. (new) The method of Claim 15, further comprising:

an insect-repellent product selected from a group consisting of neem seed oil, castor oil, dimethyl phthalate, ethyl hexane oil, natural and synthetic oil camphor, pyrethrum, and oil garlic.

27. (new) The method of Claim 15, wherein said carrier is ethoxydiglycol, wherein said complex of essential oils is Rosmarium Officinale, Lavandula Hybrid, Eugenia Caryophyllus,

Melaleuca Alternifolia, Cinnamomum Camphora, Mentha Piperita, Cedrus Atlantica, Curcuma Longa, Origanum Compactum, and Gaultheria Procumbens, Musk, said composition further comprising:

a hemp oil, a neem seed extract at 0.25% by weight of azadirachtin, laureth 9, a film-forming agent with thickening, stabilizing and crystallization-inhibiting functions, an antioxidant, and an anti-inflammatory agent.

28. (new) The method of Claim 15, the composition further comprising:

a delay formula allowing for extended release of said active ingredients.

29. (new) The method of Claim 28, wherein said delay formula is selected from a group consisting of Beta-cyclodextrins, cyclic natural sugar having a concentration ranging from 2 to 10% by weight of the total composition, cellulose fibers from wood having a concentration ranging from 2 to 10% by weight of the total composition, polymethyl methacrylate and nylon spheres having a concentration ranging from 4 to 12% by weight of the total composition, coated or non-coated silica microreservoirs having a concentration ranging from 2 to 10% by weight of the total composition, linear polyester polymers with a molecular weight of 800 through 5000 Daltons both occlusive and retentive having a concentration ranging from 10 to 20% by weight of the total composition, and a mixture thereof.

30. (new) The method of Claim 15, wherein the animal is a pet.

31. (new) The method of Claim 15, the step of diffusing comprising:

diffusing said composition over an entire skin of the animal.

32. (new) The method of Claim 15, the step of applying comprising:

applying said composition to one or two locations.